

HISTORIC AMERICAN ENGINEERING RECORD

Index to Photographs

HAER  
DEL,  
3-REHOB,  
2-

Rehoboth Avenue Bridge  
DeIaware Route 1A (Rehoboth Avenue)  
over Lewes and Rehoboth Canal  
Rehoboth Beach  
Sussex County  
Delaware

HAER No. DE-22

NOTE: Photographs were taken by J. T. O'Brien, photographer, December 1984

DE-22-1           NORTHEAST ELEVATION

DE-22-2           SOUTHWEST ELEVATION

DE-22-3           VIEW NORTHEAST ACROSS BRIDGE, SPAN CLOSED

DE-22-4           VIEW ACROSS BRIDGE FROM WEST SIDE, SOUTH EDGE OF ROAD

DE-22-5           VIEW ACROSS BRIDGE FROM EAST SIDE, SOUTH EDGE OF ROAD

DE-22-6           VIEW ACROSS BRIDGE FROM NORTHEAST CORNER

DE-22-7           UNDERSIDE OF SIDEWALK FROM EAST BANK

DE-22-8           UNDERSIDE OF BASCULE SPAN FROM FACE OF BASCULE PIER

DE-22-9           UNDERSIDE OF BASCULE SPAN FROM WITHIN BASCULE PIER

DE-22-10          VIEW FROM SOUTHEAST

DE-22-11          Photocopy of Photograph.   SOUTH ELEVATION, August 4, 1925

DE-22-12          Photocopy of Photograph.   VIEW WEST ACROSS BRIDGE,  
November 8, 1937

DE-22-13          VIEW NORTHEAST ACROSS BRIDGE, SPAN ONE-THIRD OPEN

DE-22-14          VIEW NORTHEAST ACROSS BRIDGE, SPAN TWO-THIRDS OPEN

DE-22-15          VIEW NORTHEAST ACROSS BRIDGE, SPAN FULLY OPEN

DE-22-16          BASCULE PIER FROM CENTERLINE OF WEST APPROACH, BRIDGE RAISED

DE-22-17          DETAIL OF NORTH SEGMENTAL GIRDER, SPAN CLOSED

DE-22-18          DETAIL OF NORTH SEGMENTAL GIRDER, SPAN TWO-THIRDS OPEN

DE-22-19          DETAIL OF NORTH SEGMENTAL GIRDER, SPAN FULLY OPEN

DE-22-20      DETAIL OF BASCULE MACHINERY, GEARS ON SOUTH SIDE  
DE-22-21      DETAIL OF BASCULE MACHINERY, GEARS ON HAND CRANK  
DE-22-22      DETAIL OF BASCULE MACHINERY, BRAKE MECHANISM  
DE-22-23      VIEW OF CONTROL PANEL

The following are photocopies of original drawings owned by the Delaware Department of Transportation, Dover, Delaware.

(NOTE: DE-22-24 to DE-22-34 were prepared in 1925 by Keller and Harrington, Engineers, Chicago, Illinois, for the Delaware State Highway Department)

DE-22-24      SITE PLAN  
DE-22-25      DECK PLAN AND SOUTH ELEVATION  
DE-22-26      PIER No. 2 (BASCULE PIER)  
DE-22-27      STRESS SHEET  
DE-22-28      FIXED PART AND COUNTERWEIGHT  
DE-22-29      MAIN GIRDERS  
DE-22-30      FLOOR SYSTEM  
DE-22-31      COUNTERWEIGHT SUPPORT  
DE-22-32      OPERATING MACHINERY  
DE-22-33      LOCK AND BUFFER  
DE-22-34      OPERATOR'S HOUSE  
DE-22-35      SIDEWALK-RAILING, GENERAL PLAN, 1936  
DE-22-36      DECK REPLACEMENT (1955), TYPICAL SECTIONS  
DE-22-37      DECK REPLACEMENT (1955), PLAN AND DETAILS